

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011564

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N5/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	WILSON KENNETH H ET AL: "High-density microarray of small-subunit ribosomal DNA probes" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, WASHINGTON, DC, US, vol. 68, no. 5, May 2002 (2002-05), pages 2535-2541, XP002289520 ISSN: 0099-2240 page 2535, right-hand column, paragraph 3	13,14
X	US 2003/143571 A1 (SHARP NICHOLAS J H ET AL) 31 July 2003 (2003-07-31) example 12	13
X	US 6 344 316 B1 (LOCKHART DAVID J ET AL) 5 February 2002 (2002-02-05) paragraph '0213!	13
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

18 March 2005

Date of mailing of the international search report

19/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040 Tx 31 651 ann nl

Authorized officer

Best Available Copy

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011564

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MILLER CRISPIN J ET AL: "Mycoplasma infection significantly alters microarray gene expression profiles." BIOTECHNIQUES, vol. 35, no. 4, October 2003 (2003-10), pages 812-814, XP009027588 ISSN: 0736-6205 (ISSN print) the whole document	1-19, 24-26
X	US 5 693 467 A (ROBLIN III RICHARD O ET AL) 2 December 1997 (1997-12-02)	20-23
Y	SEQ ID NOs 1-2, 11-22 column 1, lines 32-65	1-19, 24-26
X	JP 04 004899 A (TAKARA SHUZO CO LTD) 9 January 1992 (1992-01-09)	20-23
Y	Probe 1 and Primers 2-1, 4-1, 2-2, 3-2 & 3-1 abstract & DATABASE WPI Derwent Publications Ltd., London, GB; AN 1992-060511 & JP 04 004899 A abstract	1-19, 24-26
Y	WO 02/42775 A (GENEVENTION L L C ;JACOBS ALICE ANNE (US); NIKOLIC BORIS (US); GUP) 30 May 2002 (2002-05-30) page 19	13-15
A	FR 2 694 768 A (PASTEUR INSTITUT) 18 February 1994 (1994-02-18) claim 28	1-26
A	US 2003/191048 A1 (LUUKKONEN MATTIAS ET AL) 9 October 2003 (2003-10-09) abstract	1,2,13
A	MATSUI HIROSHI ET AL: "Gene expression profiles of human BPH (II): Optimization of laser-capture microdissection and utilization of cDNA microarray." ANTICANCER RESEARCH. 2003 JAN-FEB, vol. 23, no. 1A, January 2003 (2003-01), pages 195-200, XP009027974 ISSN: 0250-7005 page 196	1-26
A	WO 98/28444 A (UNIV CHICAGO) 2 July 1998 (1998-07-02) figure 5; table 2	1-26

Best Available Copy

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011564

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003143571	A1	31-07-2003	AU	2002367748 A1		27-10-2003
			WO	03087297 A2		23-10-2003
US 6344316	B1	05-02-2002	US	2003180757 A1		25-09-2003
			US	2004101892 A1		27-05-2004
			US	2005003496 A1		06-01-2005
			US	2004210045 A1		21-10-2004
			US	6858711 B2		22-02-2005
			US	2003064364 A1		03-04-2003
			US	2002165372 A1		07-11-2002
			AU	2253397 A		20-08-1997
			EP	0880598 A1		02-12-1998
			JP	2002515738 T		28-05-2002
			WO	9727317 A1		31-07-1997
US 5693467	A	02-12-1997	WO	9636735 A1		21-11-1996
JP 04004899	A	09-01-1992	JP	3016395 B2		06-03-2000
WO 0242775	A	30-05-2002	AU	3052302 A		03-06-2002
			CA	2430110 A1		30-05-2002
			EP	1397679 A2		17-03-2004
			WO	0242775 A2		30-05-2002
			US	2002095073 A1		18-07-2002
			WO	03012390 A2		13-02-2003
FR 2694768	A	18-02-1994	FR	2694768 A1		18-02-1994
			EP	0654094 A1		24-05-1995
			WO	9403634 A1		17-02-1994
US 2003191048	A1	09-10-2003	AU	9052301 A		13-02-2002
			EP	1307539 A2		07-05-2003
			JP	2004520007 T		08-07-2004
			WO	0210339 A2		07-02-2002
WO 9828444	A	02-07-1998	AU	5716098 A		17-07-1998
			EP	0951569 A2		27-10-1999
			WO	9828444 A2		02-07-1998
			US	2003157509 A1		21-08-2003
			US	6458584 B1		01-10-2002

Best Available Copy